

FORM  
2  
Rev  
08/13

State of Colorado  
Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:  
400795546  
**(SUBMITTED)**

APPLICATION FOR PERMIT TO:

Drill     Deepen     Re-enter     Recomplete and Operate

Date Received:

TYPE OF WELL    OIL     GAS     COALBED     OTHER Pilot \_\_\_\_\_    Refiling   
ZONE TYPE    SINGLE ZONE     MULTIPLE ZONES     COMMINGLE ZONES     Sidetrack

Well Name: Morales 34-6-6U    Well Number: 1  
Name of Operator: CATAMOUNT ENERGY PARTNERS LLC    COGCC Operator Number: 10464  
Address: 1801 BROADWAY #1000  
City: DENVER    State: CO    Zip: 80202  
Contact Name: Nolan Redmond    Phone: (720)484-2344    Fax: (720)484-2363  
Email: nredmond@catamountep.com

**RECLAMATION FINANCIAL ASSURANCE**  
Plugging and Abandonment Bond Surety ID: 20130096

**WELL LOCATION INFORMATION**  
QtrQtr: Lot 2    Sec: 6    Twp: 34N    Rng: 6W    Meridian: M  
Latitude: 37.214430    Longitude: -107.538680  
Footage at Surface: 7 feet    FNL/FSL FNL 1804 feet    FEL/FWL FEL  
Field Name: IGNACIO BLANCO    Field Number: 38300  
Ground Elevation: 6952    County: LA PLATA  
GPS Data:  
Date of Measurement: 12/04/2014    PDOP Reading: 2.2    Instrument Operator's Name: Kenny Rea  
If well is  Directional     Horizontal (highly deviated)    **submit deviated drilling plan.**  
Footage at Top of Prod Zone: FNL/FSL FNL 1933 FEL    Bottom Hole: FNL/FSL FNL 220 FEL    FEL/FWL FEL 1950 FEL  
Sec: 7U    Twp: 34N    Rng: 6W    Sec: 7U    Twp: 34N    Rng: 6W

**LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT**  
Surface Ownership:  Fee     State     Federal     Indian  
The Surface Owner is:  is the mineral owner beneath the location.  
(check all that apply)  is committed to an Oil and Gas Lease.  
 has signed the Oil and Gas Lease.  
 is the applicant.  
The Mineral Owner beneath this Oil and Gas Location is:  Fee     State     Federal     Indian  
The Minerals beneath this Oil and Gas Location will be developed by this Well: Yes  
The right to construct the Oil and Gas Location is granted by: Bond  
Surface damage assurance if no agreement is in place: Blanket    Surface Surety ID: 20130097

## LEASE INFORMATION

Using standard QtrQtr, Sec, Twp, Rng format, describe one entire mineral lease that will be produced by this well (Describe lease beneath surface location if produced. Attach separate description page or map if necessary.)

N/2NE/4, SE/4NE/4, W/2SE/4 S7U T34N R6W

Total Acres in Described Lease: 200 Described Mineral Lease is:  Fee  State  Federal  Indian

Federal or State Lease # \_\_\_\_\_

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 102 Feet

## CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 1002 Feet  
Building Unit: 1002 Feet  
High Occupancy Building Unit: 5280 Feet  
Designated Outside Activity Area: 5280 Feet  
Public Road: 610 Feet  
Above Ground Utility: 628 Feet  
Railroad: 5280 Feet  
Property Line: 625 Feet

### INSTRUCTIONS:

- All measurements shall be provided from center of the Proposed Well to nearest of each cultural feature as described in Rule 303.a.(5).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit, High Occupancy Building Unit, and Designated Outside Activity Area - as defined in 100-Series Rules.

## DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a:  Buffer Zone  
 Exception Zone  
 Urban Mitigation Area

- Buffer Zone – as described in Rule 604.a.(2), within 1,000' of a Building Unit
- Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.
- Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: \_\_\_\_\_

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: \_\_\_\_\_

## SPACING and UNIT INFORMATION

Distance from Completed Portion of Wellbore to Nearest Wellbore Permitted or Completed in the same formation: 919 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 731 Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

## SPACING & FORMATIONS COMMENTS

Spacing Unit is a combination of Section 7U-T34N-R6W and the shortened section 6U-T34N-6W.

## OBJECTIVE FORMATIONS

| Objective Formation(s) | Formation Code | Spacing Order Number(s) | Unit Acreage Assigned to Well | Unit Configuration (N/2, SE/4, etc.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| FRUITLAND COAL         | FRLDC          | 112-215                 | 363                           | E/2                                  |

## DRILLING PROGRAM

Proposed Total Measured Depth: 2804 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 1932 Feet (Including plugged wells)

Will a closed-loop drilling system be used? Yes

Is H<sub>2</sub>S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No (If Yes, attach an H<sub>2</sub>S Drilling Operations Plan)

Will salt sections be encountered during drilling?     No      
 Will salt based (>15,000 ppm Cl) drilling fluids be used?     No      
 Will oil based drilling fluids be used?     No      
 BOP Equipment Type:  Annular Preventor  Double Ram  Rotating Head  None

**GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING**

Water well sampling required per Rule     608    

**DRILLING WASTE MANAGEMENT PROGRAM**

Drilling Fluids Disposal:     OFFSITE     Drilling Fluids Disposal Methods:     Commercial Disposal    

Cuttings Disposal:     OFFSITE     Cuttings Disposal Method:     Commercial Disposal    

Other Disposal Description:

Beneficial reuse or land application plan submitted?                     

Reuse Facility ID:                      or Document Number:                     

**CASING PROGRAM**

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| SURF        | 12+1/4       | 9+5/8          | 36    | 0             | 425           | 260       | 425     | 0       |
| 1ST         | 8+3/4        | 7              | 26    | 0             | 2804          | 290       | 2804    | 0       |

Conductor Casing is NOT planned

**DESIGNATED SETBACK LOCATION EXCEPTIONS**

Check all that apply:

- Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

**GREATER WATTENBERG AREA LOCATION EXCEPTIONS**

Check all that apply:

- Rule 318A.a. Exception Location (GWA Windows).
- Rule 318A.c. Exception Location (GWA Twinning).

**RULE 502.b VARIANCE REQUEST**

Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number                     

**OTHER LOCATION EXCEPTIONS**

Check all that apply:

- Rule 318.c. Exception Location from Rule or Spacing Order Number
- Rule 603.a.(2) Exception Location (Property Line Setback).

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

**OPERATOR COMMENTS AND SUBMITTAL**

Comments

This application is in a Comprehensive Drilling Plan \_\_\_\_\_ CDP #: \_\_\_\_\_

Location ID: \_\_\_\_\_

Is this application being submitted with an Oil and Gas Location Assessment application?

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Nolan Redmond

Title: Geo/Eng Tech Date: \_\_\_\_\_ Email: nredmond@catamountep.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

**API NUMBER**  
05

### Conditions Of Approval

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

### Best Management Practices

| No | <u>BMP/COA Type</u>                    | <u>Description</u>  |
|----|--|---|
| 1  | Wildlife                               | Catamount will avoid drilling operations from Dec. 1st - April 15th to minimize disturbance to wildlife, assuming current rig availability does not change.   |
| 2  | Material Handling and Spill Prevention | Drilling mud or brine will be contained in above ground steel tanks. Drill cuttings and solids that have been separated from the drilling fluid by the shale shakers, mud cleaner or centrifuge will be captured in above ground portable steel cuttings bins and hauled to a 3rd party disposal site that is permitted as required by applicable State and Federal rules and regulations. Excess drilling fluid will be stored in above ground portable steel tanks and will be transferred to the active circulating system as needed. At the completion of drilling activity remaining drilling fluid will be used on another well or disposed of as allowed by Local, State and Federal law. The well pad will have a secondary containment berm to prevent spills, releases, and pollution. The berm will be capable of containing 110% of the fluids stored on location |
| 3  | Drilling/Completion Operations         | Rule 317.p: Logging Program Description: Open-hole Resistivity Log with Gamma Ray Log run from TD into the surface casing. Cement Bond Log run on production casing or on intermediate casing if production liner is run. The Form 5 Completion Report will list all logs run and the logs will be attached.  |
| 4  | Drilling/Completion Operations         | A closed loop system will be used during drilling operations so a pit will be unnecessary.  |
| 5  | Final Reclamation                      | Equipment will be painted with dull, non reflective paint slightly darker than the surrounding landscape. Noxious weeds will be controlled onsite by herbicide application based on recommendations from the La Plata County weed control technician and will be applied by a professional.   |

Total: 5 comment(s)

### Attachment Check List

| <b>Att Doc Num</b> | <b>Name</b>                |
|--------------------|----------------------------|
| 400866411          | DIRECTIONAL DATA           |
| 400866412          | DEVIATED DRILLING PLAN     |
| 400866413          | WELL LOCATION PLAT         |
| 400866425          | P&A ASSESSMENT             |
| 400866427          | OTHER                      |
| 400866607          | OffsetWellEvaluations Data |
| 400866703          | WELLBORE DIAGRAM           |

Total Attach: 7 Files

**General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b> | <b><u>Comment Date</u></b> |
|--------------------------|-----------------------|----------------------------|
|                          |                       |                            |

Total: 0 comment(s)

